

# FTC921 SMS/GPRS Commands

[Main Page](#) > [Basic Trackers](#) > [FTC921](#) > [FTC921 Manual](#) > **FTC921 SMS/GPRS Commands**

## Commands apply for these devices:

[FTC921](#) [FTC961](#) [FTC881](#)

All commands are case sensitive. When user tries to send SMS/GPRS message to device that operates in Deep Sleep mode, it cannot arrive to it because the GSM/GPRS module is disabled most of the time. Device will receive the SMS message when it exits Deep Sleep mode, but GPRS commands will not be received after exiting Deep Sleep Mode.

If the device is in GPS Sleep or Online Deep Sleep mode, sent SMS/GPRS message will arrive to the device.

SMS command structure:

<SMS password><space><command><space><value>

SMS command [getinfo](#) example:

- If you have set SMS password: password getinfo
- If SMS password is not set leave one space before command: getinfo

GPRS commands require [Codec 12](#) protocol.

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## Contents

- [1 Commands apply for these devices:](#)
- [2 Common commands](#)

To search for compatible products, [Expand all content](#)

## Common commands

Command	Description	Response	HW Support	Parameter Group
<a href="#">getinfo</a>	Device runtime system information.	Yes	FTXXXX <a href="#">FTC921</a> <a href="#">FTC961</a> <a href="#">FTC881</a>	Common commands
<a href="#">getver</a>	Returns code version, device IMEI, modem app version, RTC time, Init time, Uptime and BT MAC address.	Yes	FTXXXX <a href="#">FTC921</a> <a href="#">FTC961</a> <a href="#">FTC881</a>	Common commands
<a href="#">getstatus</a>	Modem Status information.	Yes	FTXXXX <a href="#">FTC921</a> <a href="#">FTC961</a> <a href="#">FTC881</a>	Common commands
<a href="#">getgps</a>	Current GPS data, date and time.	Yes	FTXXXX <a href="#">FTC921</a> <a href="#">FTC961</a> <a href="#">FTC881</a>	Common commands
<a href="#">getio</a>	Readout analog input,digital input and output.	Yes	FTXXXX <a href="#">FTC921</a> <a href="#">FTC961</a> <a href="#">FTC881</a>	Common commands
<a href="#">gmap</a>	Returns location information with Google maps link.	Yes	FTXXXX <a href="#">FTC921</a> <a href="#">FTC961</a> <a href="#">FTC881</a>	Common commands
<a href="#">readio #</a>	Returns IO status, # AVL ID.	Yes	FTXXXX <a href="#">FTC921</a> <a href="#">FTC961</a> <a href="#">FTC881</a>	Common commands
<a href="#">conreset</a>	Resets device	No	FTXXXX <a href="#">FTC921</a> <a href="#">FTC961</a> <a href="#">FTC881</a>	Common commands
<a href="#">fwinfo</a>	Get data about FW and restarts	Yes	FTXXXX <a href="#">FTC921</a> <a href="#">FTC961</a> <a href="#">FTC881</a>	Common commands

<a href="#">getrecord</a>	SMS command initiates saving and sending of high priority record.	No	FTXXXX ETC92A ETC36A ETC88A	Common commands
<a href="#">getmsccid #</a>	Response is sent to SMS/GPRS command sender and also to GSM number provided. # - GSM number using international format e.g. 37069012345	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
<a href="#">getmsi</a>	Sends the IMSI number of the SIM card inserted as a response to the sender.  If two SIM cards are inserted in the device, the response will be the IMSI number of the currently active SIM card. <b>Note: This command is supported from 03.10.02 firmware version.</b>	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
<a href="#">getver</a>	Responds with information about hardware and firmware versions and storage space	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
<a href="#">getparam #</a>	Returns selected parameter value. # - first ID value; # - second ID value; # - third ID value. SMS command is limited to 160 characters.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
<a href="#">setparam #:#...</a>	Sets selected parameter value			
<a href="#">setparam #:#</a>	[Parameter ID] : [New Parameter Value] ; [Parameter ID] : [New Parameter Value]...	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
<a href="#">setparam #:#:#:#...</a>	SMS command is limited to 160 characters. Redirects device to other server. 1.# - IMEI. 2.# - APN. 3.# - LOGIN. 4.# - PASS. 5.# - IP. 6.# - PORT. 7.# - MODE (0-TCP/1-UDP).	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
<a href="#">flash #:#:#:#:#:#</a>				
<a href="#">countrecs</a>	Returns records number.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
<a href="#">web_connect</a>	Forces device to connect to Fota WEB immediately.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
<a href="#">deleterecords</a>	Delete all records from SD card.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
<a href="#">setdout # # Y1 Y2 Z1 Z2</a>	Set digital output. 1.# - 0, 1 or ? (0 - OFF, 1 - ON, ? - ignore) for DOUT1. 2.# - 0, 1 or ? (0 - OFF, 1 - ON, ? - ignore) for DOUT2. Y1 - timeout value for DOUT1 if needed (in seconds). Y2 - timeout value for DOUT2 if needed (in seconds). Z1 - maximum speed value for DOUT1 if needed. Z2 - maximum speed value for DOUT2 if needed. Set digital output when ignition is off. 1.# - 0, 1 or ? (0 - OFF, 1 - ON, ? - ignore) for DOUT1. 2.# - 0, 1 or ? (0 - OFF, 1 - ON, ? - ignore) for DOUT2. 3.# - 0, 1 or ? (0 - OFF, 1 - ON, ? - ignore) for DOUT3. Y1 - timeout value for DOUT1 if needed (in seconds). Y2 - timeout value for DOUT2 if needed (in seconds). Y3 - timeout value for DOUT3 if needed (in seconds).	Yes	FTXXXX Template:FTXXXX_HW_with DOUT1	Common commands
<a href="#">setdoutout # # # Y1 Y2 Y3</a>		Yes	FTXXXX Template:FTXXXX_HW_with DOUT1	Common commands
<a href="#">battery</a>	Returns battery state info.	Yes	FTXXXX Template:FTXXXX_HW_with battery	Common commands
<a href="#">weflog</a>	Returns all information about 'watch dogs'	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
<a href="#">defaultfg</a>	Load default configuration.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
<a href="#">setkey # #</a>	Add new or change current configuration keyword. If device is locked, keyword cannot be changed. 1.# - old keyword (if adding new keyword space). 2.# - new keyword.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
<a href="#">delkey #</a>	Remove existing keyword (if device is locked, keyword cannot be changed). # - old keyword.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
<a href="#">lhwlog #</a>	Returns black box information (HEX value of event ID and HEX value of custom data field (optional)). # - returns entered number of latest events. When # is omitted the latest events are packed to single SMS.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
<a href="#">lhwinfo #</a>	Returns same information as lhwlog command but additional all events timestamp is written in HEX. # - returns entered number of latest events. When # is omitted the latest events are packed to single SMS.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
<a href="#">sdformat</a>	Format SD card.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands